

Custom Rates 2013



United States Department of Agriculture
National Agricultural Statistics Service
Northern Plains Region
Kansas Field Office
and the
Kansas Department of Agriculture
Kansas Agricultural Statistics



2013

RATES PAID BY KANSAS FARMERS FOR CUSTOM WORK



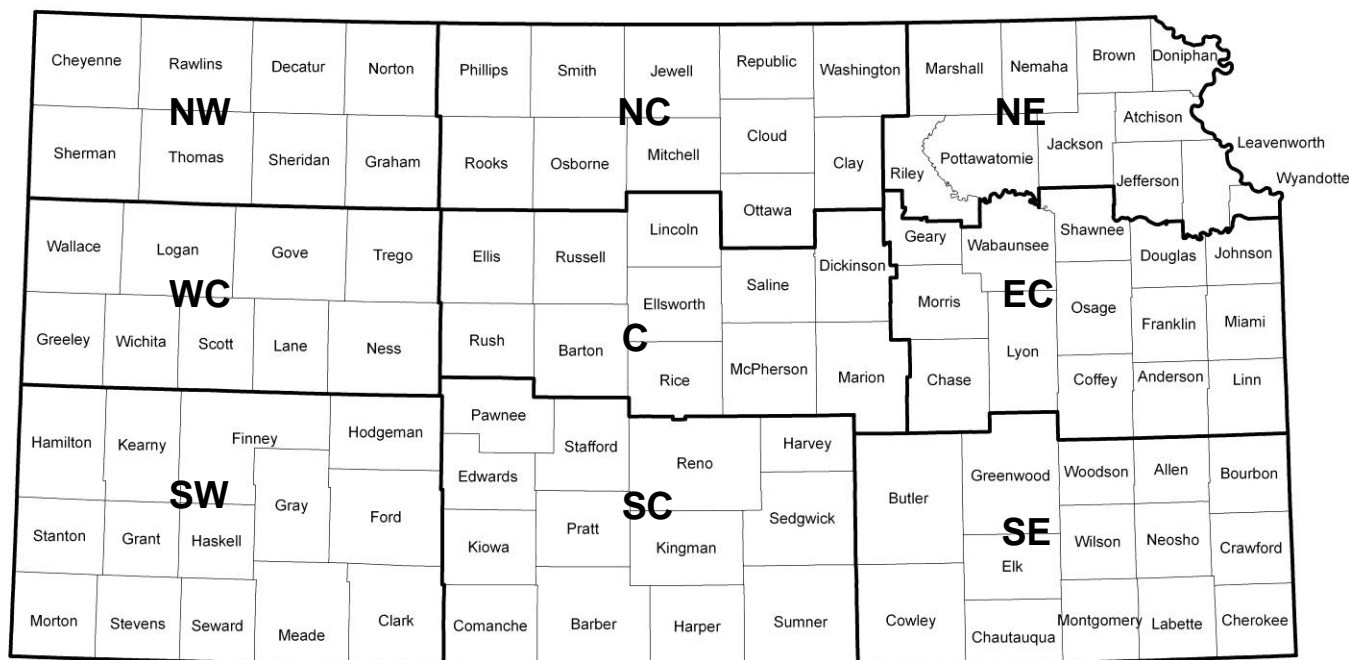
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KANSAS DISTRICTS



http://www.nass.usda.gov/Statistics_by_State/Kansas/Publications/Custom_Rates/index.asp

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INTRODUCTION

This publication reports the average rates paid by Kansas farmers and ranchers for custom work performed on their operation in 2013. A special thanks to the 1,044 farmers and ranchers, custom operators, co-ops, and elevators for their positive responses to this survey.

The data in this book provide additional information to custom operators, farmers, and ranchers for making decisions about rate charges. The prices reported here should not be regarded as official or established rates. The average figures in this book give equal weight to all reports received.

The prices in this book include charges for machines, power, fuel, and the operator. These prices do not include the costs of chemicals, seeds, and other materials. The one exception is hay baling materials. Exchange work between farmers is not considered custom work.

There are large variations in the rates charged for specific jobs. For many items, the state averages may not be typical of any particular locale. There are many reasons for price differences. Some farmers may charge lower prices to neighbors, relatives, or close friends. Soil conditions and field sizes are also significant factors. Rates are often lower in western Kansas where the larger farms are well suited to extensive operation with heavy equipment.

The average custom rates charged in 2013 have generally increased compared to rates reported in 2009, the last time the survey was conducted. This report contains historical tables and graphs which show the results of previous surveys.

In the past year, we have received many comments about the Custom Rates report from the agricultural community. We appreciate this feedback and encourage readers to continue sharing their ideas and suggestions regarding this survey.



GRAIN HARVESTING

WHEAT: Custom harvesters charged an average of \$23.93 per acre for harvesting wheat in 2013, up \$3.07 from 2009. In many cases, custom harvesters will include an additional charge per bushel to customers with high yields. In 2013 that charge was an average of 22.7 cents per bushel of wheat for yields greater than 23 bushels per acre. The 2013 flat rate charge per bushel was 22 cents, up 2 cents from 2009.

Custom Rates for Wheat Harvest, 2013, by District

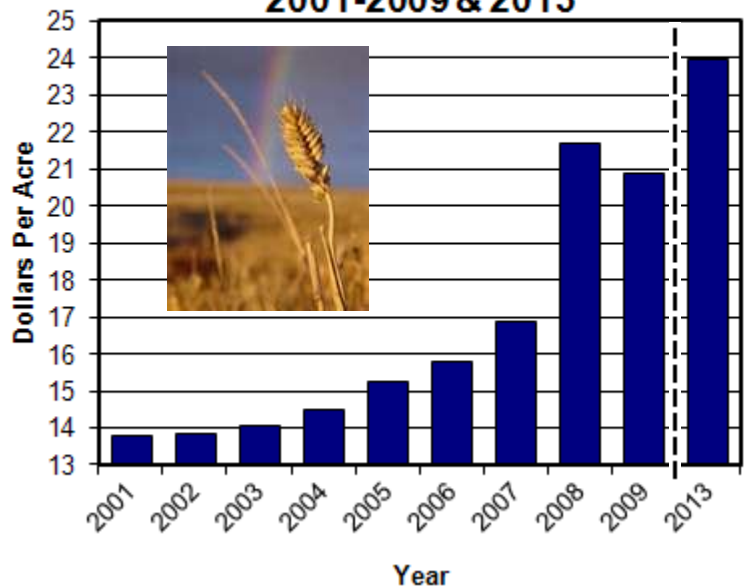
District	Per Acre Charge						Flat Rate Charge		
	Number of Reports ^{1/}	Dollars per Acre		Number of Reports ^{1/}	Extra Charge for High Yield		Number of Reports ^{1/}	Cents per Bushel	
		Range	Avg.		Cents per Bushel	Above Bushels		Range	Avg.
NW	42	18.00-30.00	23.04	36	22.7	22	3	17-24	20
WC	36	18.00-35.00	23.06	31	22.2	22	3	22-23	23
SW	38	17.50-35.00	23.00	30	23.4	21	3	18-22	20
NC	55	15.00-42.00	23.96	41	22.6	24	-	-	-
C	61	17.00-35.00	23.53	50	22.8	22	3	20-27	24
SC	84	14.00-35.00	23.68	68	22.7	23	5	18-25	22
NE	30	19.00-35.00	26.82	6	23.0	25	-	-	-
EC	23	22.00-45.00	26.45	6	22.8	30	-	-	-
SE	27	14.00-30.00	24.04	8	21.3	28	-	-	-
STATE	396	14.00-45.00	23.93	276	22.7	23	17	17-27	22

^{1/} Reports are counted in districts where custom harvesting was done; thus some reports are included in more than one district.

**Custom Wheat Harvest
Historical Rates**

Year	Dollars Per Acre	Extra Charge for High Yield	
		Cents per Bushel	Above Bushels
1993	13.05	12.1	20
1994	13.03	12.2	21
1995	13.02	12.2	20
1996	13.32	12.4	20
1997	13.33	12.6	21
1998	13.32	12.6	21
1999	13.29	12.6	21
2000	13.68	12.8	21
2001	13.77	13.1	20
2002	13.80	13.1	22
2003	14.04	13.6	23
2004	14.48	13.6	21
2005	15.24	14.4	21
2006	15.78	14.9	21
2007	16.85	16.0	21
2008	21.65	21.1	21
2009	20.86	20.0	22
2013	23.93	22.7	23

**Custom Wheat Harvest
2001-2009 & 2013**



GRAIN HARVESTING (Continued)

GRAIN SORGHUM: Custom harvesters charged an average of \$24.33 per acre for harvesting grain sorghum in 2013, up \$1.96 from 2009. In many cases, custom harvesters will include an additional charge per bushel to customers with high yields. In 2013 that charge was an average of 23 cents per bushel of grain sorghum for yields greater than 35 bushels per acre. The 2013 flat rate charge per bushel was 26 cents, up 2 cents from 2009.

Custom Rates for Grain Sorghum Harvest, 2013, by District

District	Per Acre Charge						Flat Rate Charge		
	Number of Reports ^{1/}	Dollars per Acre		Number of Reports ^{1/}	Extra Charge for High Yield		Number of Reports ^{1/}	Cents per Bushel	
		Range	Avg.		Cents per Bushel	Above Bushels		Range	Avg.
NW	34	20.00-35.00	24.06	26	22.5	32	3	17-35	25
WC	21	20.00-35.00	24.69	16	22.1	33	^{2/}		
SW	30	19.00-40.00	24.87	22	23.2	29	^{2/}		
NC	36	10.00-35.00	23.94	23	22.8	44	^{2/}		
C	41	14.00-32.40	23.33	32	24.5	35	3	20-27	24
SC	39	18.00-35.00	24.13	32	22.7	36	^{2/}		
NE	9	17.00-32.00	27.39	^{2/}			-		
EC	8	22.00-35.00	26.75	3	22.7	47	-		
SE	9	20.00-32.00	24.44	^{2/}			^{2/}		
STATE	227	10.00-40.00	24.33	157	23.0	35	12	15-40	26

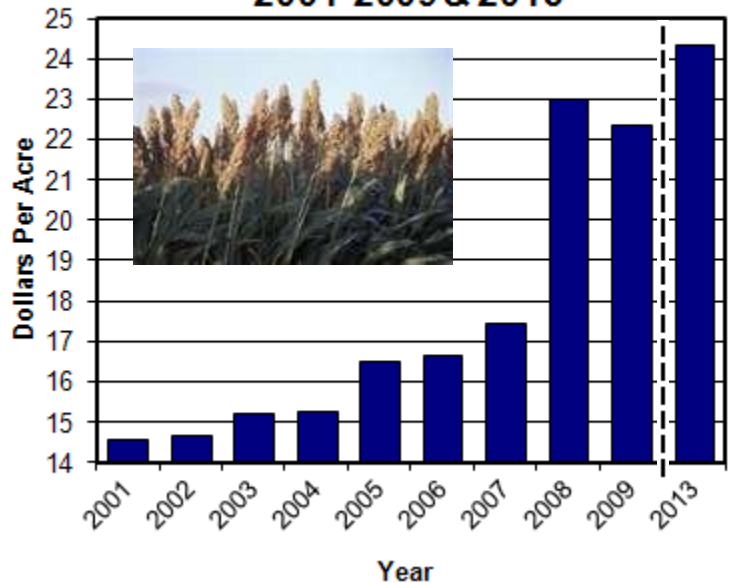
^{1/} Reports are counted in districts where custom harvesting was done; thus some reports are included in more than one district.

^{2/} Insufficient number of reports.

**Custom Grain Sorghum Harvest
Historical Rates**

Year	Dollars Per Acre	Extra Charge for High Yield	
		Cents per Bushel	Above Bushels
1993	14.62	12.0	34
1994	14.27	12.0	35
1995	14.27	11.9	36
1996	14.21	12.3	36
1997	14.35	12.5	37
1998	14.42	12.4	37
1999	14.45	12.7	36
2000	14.64	12.6	34
2001	14.58	12.9	35
2002	14.68	13.0	35
2003	15.19	13.7	35
2004	15.27	13.5	36
2005	16.51	14.6	37
2006	16.64	14.8	36
2007	17.45	15.9	36
2008	22.99	21.6	36
2009	22.37	20.4	35
2013	24.33	23.0	35

**Custom Grain Sorghum Harvest
2001-2009 & 2013**



GRAIN HARVESTING (Continued)

CORN: Custom harvesters charged an average of \$30.02 per acre for harvesting corn in 2013, up \$3.67 from 2009. In many cases, custom harvesters will include an additional charge per bushel to customers with high yields. In 2013 that charge was an average of 21.7 cents per bushel of corn for yields greater than 71 bushels per acre. The 2013 flat rate charge per bushel was 36 cents, up 7 cents from 2009.

Custom Rates for Corn Harvest, 2013, by District

District	Per Acre Charge						Flat Rate Charge		
	Number of Reports ^{1/}	Dollars per Acre		Number of Reports ^{1/}	Extra Charge for High Yield		Number of Reports ^{1/}	Cents per Bushel	
		Range	Avg.		Cents per Bushel	Above Bushels		Range	Avg.
NW	18	20.00-40.00	26.61	12	24.7	52	15	22-49	35
WC	13	23.00-85.00	33.50	6	21.5	69	8	23-46	37
SW	6	22.00-40.00	28.83	4	24.7	40	17	15-55	35
NC	19	22.00-60.00	33.18	7	23.7	61	8	24-45	36
C	20	20.00-85.00	29.55	7	20.9	58	14	25-49	37
SC	30	16.00-85.00	30.33	13	20.9	69	27	21-45	35
NE	45	22.00-60.00	31.06	8	17.6	120	-		
EC	27	22.00-40.00	28.09	3	25.0	81	2/		
SE	18	20.00-60.00	28.28	5	17.2	90	2/		
STATE	196	16.00-85.00	30.02	65	21.7	71	92	15-55	36

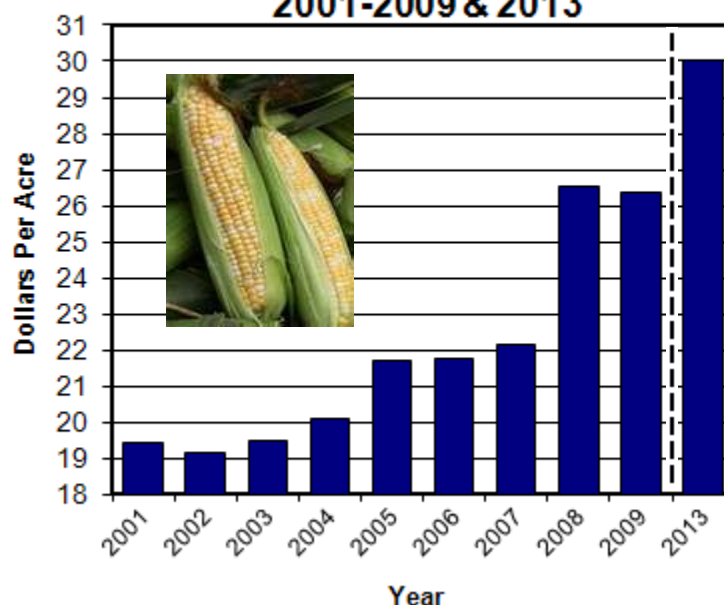
^{1/} Reports are counted in districts where custom harvesting was done; thus some reports are included in more than one district.

^{2/} Insufficient number of reports.

**Custom Corn Harvest
Historical Rates**

Year	Dollars per Acre	Extra Charge for High Yield		Flat Rate Charge
		Cents per Bushel	Above Bushels	
1993	18.21	11.8	58	21
1994	18.23	10.1	65	22
1995	17.79	12.4	62	21
1996	18.77	12.6	63	23
1997	18.72	12.3	66	23
1998	18.96	12.7	59	23
1999	19.28	12.0	70	24
2000	19.23	14.7	66	23
2001	19.43	11.9	48	23
2002	19.15	14.8	87	24
2003	19.50	14.3	69	24
2004	20.09	14.3	76	24
2005	21.68	14.2	76	26
2006	21.75	15.0	74	27
2007	22.14	16.4	71	29
2008	26.51	20.3	68	32
2009	26.35	19.2	73	29
2013	30.02	21.7	71	36

**Custom Corn Harvest
2001-2009 & 2013**



GRAIN HARVESTING (Continued)

SOYBEANS: Custom harvesters charged an average of \$28.78 per acre for harvesting soybeans in 2013, up \$3.12 from 2009. In many cases, custom harvesters will include an additional charge per bushel to customers with high yields. In 2013 that charge was an average of 23.2 cents per bushel of soybeans for yields greater than 27 bushels per acre. Too few flat rate charges were reported to be able to publish this year.

Custom Rates for Soybean Harvest, 2013, by District

District	Number of Reports ^{1/}	Dollars per Acre		Number of Reports ^{1/}	Extra Charge for High Yield	
		Range	Average		Cents per Bushel	Above Bushels
NW	19	24.00-38.00	29.87	10	21.4	33
WC	4	30.00-36.00	33.25	^{2/}		
SW	10	19.00-45.00	31.70	4	21.0	24
NC	40	15.00-45.00	29.18	17	23.1	24
C	43	12.00-45.00	28.72	17	21.2	24
SC	60	14.00-45.00	28.82	24	21.9	26
NE	56	16.00-42.00	29.54	4	41.5	37
EC	33	22.00-35.00	27.50	^{2/}		
SE	27	14.00-35.00	25.70	5	28.0	32
STATE	292	12.00-45.00	28.78	84	23.2	27

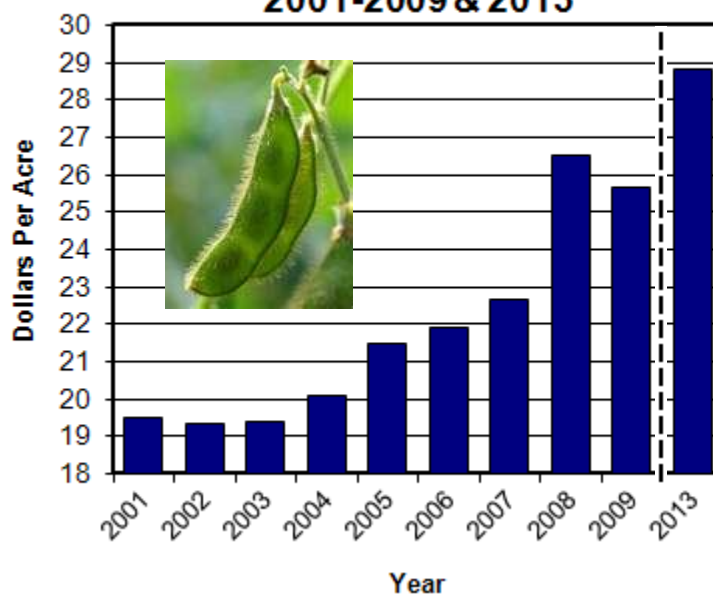
^{1/} Reports are counted in each district where custom harvesting was done; thus some reports are included in more than one district.

^{2/} Insufficient number of reports.

**Custom Soybean Harvest
Historical Rates**

Year	Dollars Per Acre	Extra Charge for High Yield	
		Cents per Bushel	Above Bushels
1993	17.96	12.5	23
1994	18.15	12.2	25
1995	17.65	12.2	25
1996	18.54	12.7	24
1997	18.68	12.4	26
1998	18.85	12.8	27
1999	18.69	13.0	25
2000	19.15	12.5	25
2001	19.48	12.7	24
2002	19.29	13.4	28
2003	19.35	13.3	26
2004	20.06	13.5	26
2005	21.48	14.3	26
2006	21.88	17.2	27
2007	22.61	15.8	28
2008	26.47	20.6	26
2009	25.66	19.8	27
2013	28.78	23.2	27

**Custom Soybean Harvest
2001-2009 & 2013**



GRAIN HARVESTING (Continued)

SUNFLOWER: Custom harvesting of sunflower averaged \$30.33 per acre in 2013, up \$4.07 from 2009. Too few flat rate charges or extra charges for high yields were reported to be able to publish this year.

**Custom Rates for Sunflower Harvest,
2013, by District**

District	Number of Reports ^{1/}	Dollars per Acre	
		Range	Average
NW	7	23.00-35.00	28.29
WC	3	25.50-35.00	31.83
SW	^{2/}		
NC	3	28.00-35.00	31.00
C	3	25.00-35.00	31.67
SC	6	25.00-38.00	30.67
NE	^{2/}		
EC	^{2/}		
SE	^{2/}		
STATE	26	23.00-38.00	30.33

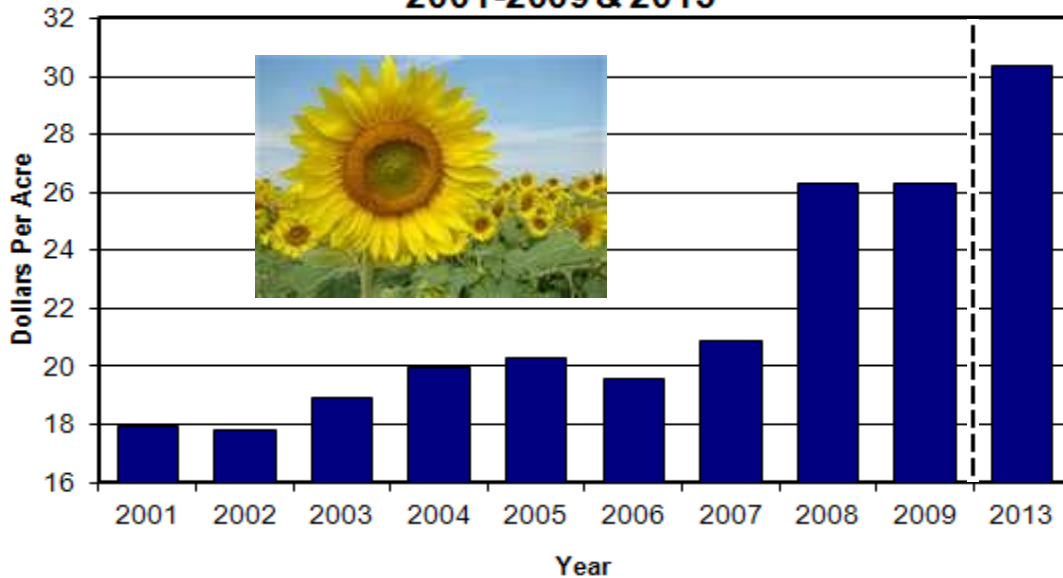
Custom Sunflower Harvest Historical Rates

Year	Dollars per Acre	Extra Charges for High Yield	
		Cents per Cwt.	Above Cwt.
1997	17.69	11.6	5.8
1998	16.94	11.9	11.8
1999	18.35	12.0	10.8
2000	16.33	12.7	9.6
2001	17.93	13.8	8.3
2002	17.80	13.1	6.7
2003	18.90	13.7	6.4
2004	19.95	20.3	7.4
2005	20.24	19.7	7.2
2006	19.55	21.3	12.0
2007	20.88	19.8	14.0
2008	26.28	26.5	18.0
2009	26.26	27.4	19.0
2013	30.33	^{2/}	^{2/}

^{1/} Reports are counted in each district where custom harvesting was done; thus some reports are included in more than one district.

^{2/} Insufficient number of reports.

**Custom Sunflower Harvest
2001-2009 & 2013**



SEED CLEANING

Wheat seed cleaning with treatment averaged \$2.87 per bushel, more than double the rate of \$1.36 in 2009. Rates for cleaning wheat without treatment averaged 73 cents per bushel, compared to 58 cents in 2009. The average cost of cleaning soybeans without any treatment was 74 cents, up a penny from 2009, while cleaning soybean seed with treatment sky rocketed to \$7.23 per bushel, compared to \$1.72 in 2008.

Custom Rates for Wheat Seed Cleaning, 2013, by District

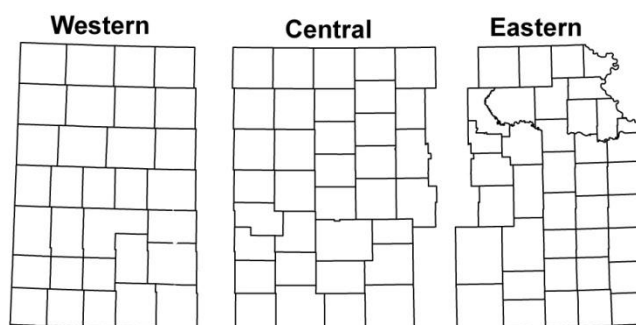
District	With Treatment			Without Treatment		
	Number of Reports	Dollars per Bushel		Number of Reports	Dollars per Bushel	
		Range	Average		Range	Average
NW	1/			4	0.50-1.00	0.69
WC	1/			8	0.25-0.90	0.56
SW	1/			7	0.50-0.85	0.66
NC	11	0.75-11.00	3.85	14	0.55-2.50	0.87
C	12	0.50-9.65	3.00	18	0.50-1.50	0.72
SC	6	0.50-6.00	2.43	27	0.20-2.00	0.65
NE	1/			1/		
EC	1/			4	0.55-0.75	0.70
SE	5	0.85-6.95	3.58	8	0.45-3.55	1.05
STATE	42	0.20-11.00	2.87	92	0.20-3.55	0.73

^{1/} Insufficient number of reports.

Custom Rates for Soybean Seed Cleaning, 2013, by Region

District	With Treatment			Without Treatment		
	Number of Reports	Dollars per Bushel		Number of Reports	Dollars per Bushel	
		Range	Average		Range	Average
Western	-			-		
Central	1/			1/		
Eastern	3	2.25-12.75	7.31	7	0.50-1.25	0.77
STATE	4	2.25-12.75	7.23	8	0.50-1.25	0.74

^{1/} Insufficient number of reports.



SEED CLEANING (Continued)

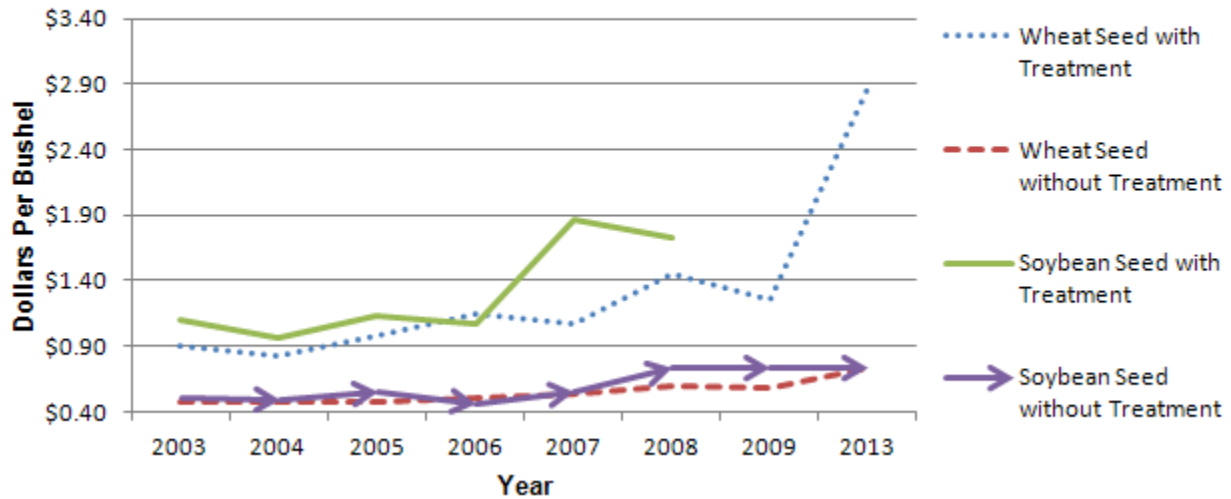
Historical Custom Rates for Seed Cleaning

Crop	2003	2004	2005	2006	2007	2008	2009	2013
Wheat (Dollars/Bushel)								
With Treatment	0.90	0.82	0.98	1.14	1.07	1.45	1.36	2.87
Without Treatment.	0.48	0.47	0.48	0.51	0.54	0.60	0.58	0.73
Soybeans (Dollars /Bushel)								
With Treatment.	1.10	0.96	1.13	1.07	1.86	1.72	^{1/}	7.23
Without Treatment	0.50	0.49	0.55	0.47	0.55	0.73	0.73	0.74
Alfalfa (Dollars/Pound)								
With Treatment	^{1/}	-	^{1/}	^{1/}	^{1/}	^{1/}	-	^{1/}
Without Treatment.	0.33	-	0.18	^{1/}	0.16	0.40	0.23	0.40
Red Clover (Dollars/Pound)								
With Treatment	^{1/}	-	-	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
Without Treatment.	^{1/}	^{1/}	0.22	^{1/}	0.18	^{1/}	0.15	0.69
All Other Seed Cleaned (Dollars/Pound)								
With Treatment	^{2/}	^{2/}	-	0.35	-	0.88	^{1/}	^{1/}
Without Treatment.	^{2/}	^{2/}	0.47	0.43	0.53	0.36	0.30	0.75

^{1/} Insufficient data to publish.

^{2/} Data not collected.

**Average Seed Cleaning Rates
2003-2009 & 2013**



GRAIN HAULING

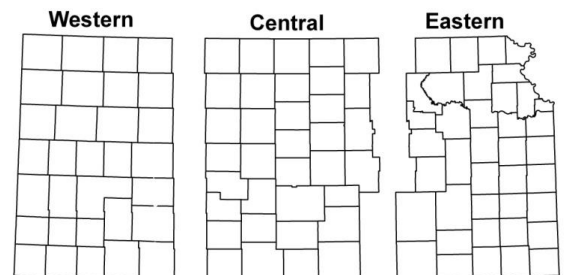
The average custom rate charged for hauling wheat, grain sorghum, corn, and soybeans from the field to the farm or to the nearest elevator was 19.7 cents per bushel with an extra charge of 2.2 cents per bushel per mile over 17 miles. This compares with the 2009 average of 18.2 cents per bushel plus 1.8 cents per bushel per mile over 16 miles.

Custom Rates for Hauling Grain from Field to Farm Storage or Elevator, 2013, by District

District	Number of Reports	Cents per Bu.	Miles Limit	Cents/bu./Mile Over Basic Mileage	Number of Reports	Cents per Bu.	Miles Limit	Cents/bu./Mile Over Basic Mileage
Wheat					Grain Sorghum			
NW	25	22.1	16	1.3	19	22.3	17	1.0
WC	26	21.6	15	1.0	18	22.2	15	1.0
SW	19	20.6	16	1.7	15	20.1	15	1.5
NC	28	20.3	15	3.9	21	19.7	17	3.9
C	36	20.0	18	1.4	29	19.1	17	1.4
SC	50	20.6	13	2.4	24	21.3	13	2.8
NE	25	19.0	17	2.2	11	18.9	18	2.7
EC	20	16.3	16	0.9	12	18.4	19	0.7
SE	16	20.1	22	^{1/}	11	22.5	21	^{1/}
STATE	245	20.2	16	2.1	160	20.5	16	2.1
Corn					Soybeans			
NW	9	21.3	22	1.2	10	20.9	14	1.2
WC	10	21.7	14	1.0	^{1/}	^{1/}	^{1/}	^{1/}
SW	7	16.7	18	1.2	3	18.7	20	0.4
NC	16	19.1	15	4.7	24	20.0	19	4.2
C	14	19.8	15	1.8	21	19.0	17	1.4
SC	20	19.9	13	3.6	25	20.7	13	3.4
NE	35	17.5	18	2.5	38	16.7	18	2.5
EC	21	16.6	18	0.9	26	16.2	19	0.9
SE	13	20.8	18	^{1/}	18	21.3	21	^{1/}
STATE	145	18.9	17	2.3	167	18.8	17	2.5

^{1/} Insufficient data to publish.

Region	Number of Reports	Cents per Cwt.	Miles Limit	Cents/Cwt./Mile Over Basic Mileage
Sunflower				
Western	8	42.1	16	0.9
Central	5	37.0	15	2.8
Eastern	4	21.3	22	0.8
STATE	17	35.7	17	1.6



SILAGE OPERATIONS

Custom rates for silage operations were separated into four categories: 1) chopping, hauling, and filling the silo, 2) chopping and hauling, 3) chopping only, and 4) hauling only. The average rate per ton for the complete silage operation was \$9.17 per ton, up from \$7.39 in 2009. Operations which included only chopping and hauling averaged \$8.07 per ton, up \$1.53 from 2009. Chopping averaged \$5.21 per ton, compared to \$4.68 in 2009, and hauling averaged \$2.33 per ton, up 15 cents from 2009.

Custom Rates for Silage Operations, 2013, by District

District	Chopping, Hauling & Filling Silo			Chopping & Hauling		
	Number of Reports	Dollars per Ton		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average
NW	4	6.75-13.50	10.07	3	7.50-9.36	8.45
WC	3	8.50-9.50	8.95	6	6.75-9.50	7.88
SW	3	8.25-11.00	9.42	4	6.70-8.00	7.18
NC	4	4.50-9.00	7.00	9	6.50-8.50	7.81
C	3	9.75-12.00	10.58	5	7.00-9.00	7.60
SC	8	5.75-16.25	9.03	6	7.50-10.00	8.58
NE	4	7.50-10.75	9.19	6	6.50-9.50	7.63
EC	^{1/}			5	8.00-10.00	9.16
SE	^{1/}			^{1/}		
STATE	30	4.50-16.25	9.17	46	6.50-10.92	8.07

^{1/} Insufficient number of reports.

District	Chopping Only			Hauling Only		
	Number of Reports	Dollars per Ton		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average
NW	3	3.75-7.50	6.08	3	0.30-3.75	1.45
WC	7	1.40-8.50	4.32	4	3.00-3.60	3.25
SW	3	3.35-4.25	3.95	5	3.25-3.75	3.42
NC	-			^{1/}		
C	3	4.12-6.00	4.87	3	3.00-3.50	3.29
SC	3	4.50-5.50	5.17	5	0.25-4.00	2.11
NE	7	4.50-7.00	5.57	5	0.30-3.00	2.26
EC	^{1/}			3	0.25-0.50	0.38
SE	^{1/}			^{1/}		
STATE	28	1.40-8.50	5.21	29	0.25-4.00	2.33

^{1/} Insufficient number of reports.

HAYING

Mowing or swathing hay cost an average of \$12.86 per acre, up \$1.34 from 2009. Mowing or swathing forage cost an average of \$14.92 per acre, up \$1.83 from 2009. Mowing or swathing with conditioning was \$13.54 per acre, up \$1.77 from 2009, and the charge for side raking averaged \$4.58 per acre, up 76 cents from 2009.

Custom Rates for Mowing or Swathing, 2013, by District

District	Hay			Forage		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	11	10.00-18.00	14.82	11	12.00-20.00	15.91
WC	10	10.00-16.00	13.85	8	12.00-20.00	15.25
SW	17	12.00-20.00	14.65	12	12.00-19.00	15.71
NC	13	10.00-20.00	12.85	^{1/}		
C	20	8.00-16.00	12.58	5	12.00-20.00	16.20
SC	37	6.00-20.00	12.55	14	10.00-16.00	13.57
NE	15	6.00-16.00	11.25	3	8.75-12.00	10.92
EC	7	7.50-20.00	12.07	3	10.00-20.00	14.67
SE	20	5.00-17.00	12.10	5	10.00-17.00	14.40
STATE	150	5.00-20.00	12.86	62	8.75-20.00	14.92

^{1/} Insufficient number of reports.



HAYING (Continued)

Custom Rates for Swathing & Conditioning and Side Raking, 2013, by District

District	Swathing and Conditioning			Side Raking		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	15	9.00-20.00	14.42	10	1.00-10.00	5.25
WC	11	12.00-20.00	14.91	6	2.00-8.00	4.92
SW	13	12.00-20.00	15.35	9	4.00-7.00	5.06
NC	12	10.00-14.00	12.21	6	2.00-5.00	3.21
C	19	10.00-15.00	12.74	9	2.00-6.00	4.00
SC	41	9.00-20.00	13.57	29	2.00-7.00	3.95
NE	11	6.00-25.00	12.52	8	2.00-20.00	5.81
EC	9	10.00-20.00	13.00	4	3.00-10.00	5.50
SE	19	6.50-17.00	13.22	17	2.00-15.00	4.87
STATE	150	6.00-25.00	13.54	98	1.00-20.00	4.58

Custom baling of small square bales with wire cost an average of \$1.28 per bale, while baling with twine averaged \$1.16 per bale in 2013. Large round bales weighing less than 1500 pounds without net wrapping cost an average of \$11.47 per bale, while bales of the same size with net wrapping cost an average of \$12.34 per bale. Large round bales weighing over 1500 pounds without net wrapping cost an average of \$11.66 per bale. Bales of the same size but being net wrapped, cost an average of \$12.92 per bale. The charge for large square bales weighing about one ton averaged \$14.10 per bale, up 52 cents from 2009.

Custom Rates for Baling Hay, 2013

Type of Bale		Number of Reports	Dollars per Bale	
			Range	Average
Small:	Square with Wire	20	0.60-2.50	1.28
	Square with Twine	23	0.55-3.00	1.16
Large:	Round (under 1,500 lbs.) without net	64	7.00-25.00	11.47
	Round (under 1,500 lbs.) with net	146	6.00-25.00	12.34
	Round (over 1,500 lbs.) without net	28	8.00-18.00	11.66
	Round (over 1,500 lbs.) with net	101	8.00-25.00	12.92
	Square (approx. 1 ton)	35	6.00-24.00	14.10

Custom Rates for Baling, Square Bales, 2013, by District

District	Small Square With Wire			Small Square With Twine			Large Square		
	Number of Reports	Dollars per Bale		Number of Reports	Dollars per Bale		Number of Reports	Dollars per Bale	
		Range	Average		Range	Average		Range	Average
NW	-			^{1/}			-		
WC	-			^{1/}			^{1/}		
SW	-			4	0.55-1.50	1.14	5	6.00-18.00	14.70
NC	^{1/}			^{1/}			-		
C	3	1.00-1.25	1.17	-			8	11.00-20.00	14.42
SC	^{1/}			3	0.60-1.00	0.87	11	8.00-24.00	14.95
NE	^{1/}			5	0.90-3.00	1.46	^{1/}		
EC	5	0.85-1.50	1.12	5	0.55-2.25	1.09	3	8.50-14.00	11.50
SE	7	0.80-2.25	1.33	^{1/}			6	10.00-15.00	13.67
STATE	20	0.60-2.50	1.28	23	0.55-3.00	1.16	35	6.00-24.00	14.10

^{1/} Insufficient number of reports.

HAYING (Continued)

Custom Rates for Baling, Large Round Bales, 2013, by District

District	Without Net						With Net					
	Under 1,500 lbs.			Over 1,500 lbs.			Under 1,500 lbs.			Over 1,500 lbs.		
	No. of Rpts	Dollars per Bale		No. of Rpts	Dollars per Bale		No. of Rpts	Dollars per Bale		No. of Rpts	Dollars per Bale	
		Range	Avg.		Range	Avg.		Range	Avg.		Range	Avg.
NW	3	8.00-18.00	13.00	1/			12	10.00-17.00	12.29	8	8.00-17.00	12.25
WC	1/			1/			14	9.50-16.00	12.54	4	13.50-16.00	14.63
SW	3	14.00-16.00	15.33	1/			13	12.00-18.00	13.88	8	11.00-16.00	13.00
NC	6	8.00-15.00	11.83	5	8.00-16.00	12.00	11	8.00-16.00	11.45	8	11.00-20.00	13.94
C	6	9.00-11.50	10.25	3	11.00-15.00	12.33	11	6.00-15.00	11.18	17	10.00-14.00	12.15
SC	12	8.50-12.00	10.63	3	10.00-13.00	11.67	33	8.00-15.00	11.83	35	8.00-16.00	12.43
NE	13	7.00-12.00	9.46	7	8.00-12.50	9.57	14	9.00-13.50	11.07	11	10.00-14.00	12.05
EC	7	8.50-12.00	10.50	3	9.00-15.00	11.67	12	10.00-21.00	12.75	4	12.00-25.00	18.25
SE	12	7.00-25.00	13.79	5	11.00-17.00	12.90	26	9.00-25.00	13.49	6	11.50-18.00	14.33
STATE	64	7.00-25.00	11.47	28	8.00-18.00	11.66	146	6.00-25.00	12.34	101	8.00-25.00	12.92

^{1/} Insufficient number of reports.



HAYING (Continued)

Custom rates for hauling small bales from the field to farm storage averaged 83 cents per bale in 2013, down a penny from 2009. Rates for hauling large bales averaged \$5.10 per bale or \$9.44 per ton. There were too few reports for hay stacking to provide a reasonable indication of current rates; therefore the table has been removed.

Custom Rates for Hauling Small Bales from Field to Storage, 2013, by District

District	Number of Reports	Dollars per Bale	
		Range	Average
NW	-		
WC	1/		
SW	1/		
NC	-		
C	-		
SC	1/		
NE	-		
EC	5	0.65-0.85	0.71
SE	7	0.75-1.15	0.98
STATE	13	0.45-1.15	0.83

^{1/} Insufficient number of reports.

Custom Rates for Hauling Large Bales from Field to Storage, 2013, by District

District	Number of Reports	Dollars per Bale		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average
NW	5	2.50-10.00	5.70	1/		
WC	3	3.00-3.00	3.00	1/		
SW	7	2.00-17.00	6.07	-		
NC	4	2.50-10.00	5.00	1/		
C	4	2.00-4.00	3.38	1/		
SC	16	1.00-10.00	4.81	1/		
NE	1/			-		
EC	4	2.50-6.00	4.37	1/		
SE	13	1.00-25.00	6.23	1/		
STATE	58	1.00-25.00	5.10	9	2.00-25.00	9.44

^{1/} Insufficient number of reports.

HAYING (Continued)

The custom rates for the entire haying operation include cutting, conditioning, raking, baling, hauling, and stacking. The average rate for small bales was \$1.84 per bale, up 7 cents from 2009. The large bale rate, at \$22.34 per bale, was up \$3.24 from 2009, while the large bale rate per ton averaged \$33.47.

Custom Rates for Entire Haying Operation, 2013, by District

District	Small Bales			Large Bales					
	Number of Reports	Dollars per Bale		Number of Reports	Dollars per Bale		Number of Reports	Dollars per Ton	
		Range	Average		Range	Average		Range	Average
NW	-			-			1/		
WC	-			1/			1/		
SW	-			1/			4	27.00-42.00	31.25
NC	-			-			-		
C	-			1/			1/		
SC	-			3	18.00-40.50	29.50	3	17.50-40.50	25.33
NE	3	1.00-2.00	1.42	10	15.00-28.00	20.10	-		
EC	3	1.50-2.00	1.67	12	13.00-27.00	20.33	4	18.00-35.00	24.00
SE	4	1.00-5.00	2.28	20	12.00-30.00	21.15	1/		
STATE	10	1.00-5.00	1.84	48	12.00-50.00	22.34	15	17.50-65.00	33.47

^{1/} Insufficient number of reports.

ROTARY MOWING AND TREE SHEARING

The average custom rate for rotary mowing was \$13.17 per acre or \$70 per hour in 2013. In 2009, charges were \$12.00 per acre or \$76 per hour. The average custom rate for tree shearing was \$74.71 per hour for 2013, or \$61.05 per acre.

Custom Rates for Rotary Mowing, 2013, by District

District	No. of Rpts	Dollars per Acre		No. of Rpts	Dollars per Hour	
		Range	Avg.		Range	Avg.
NW	-			-		
WC	1/			-		
SW	1/			-		
NC	-			1/		
C	-			1/		
SC	3	8.00-9.00	8.33	6	45.00-85.00	66.67
NE	3	8.00-15.00	11.00	3	75.00-105.00	86.67
EC	3	12.00-20.00	17.33	3	50.00-85.00	68.33
SE	6	10.00-17.00	14.50	1/		
STATE	18	8.00-20.00	13.17	16	45.00-105.00	70.00

^{1/} Insufficient number of reports.

Skid Loader Tree Shearing, 2013, by District

District	Number of Reports	Dollars per Hour	
		Range	Avg.
NW	-		
WC	-		
SW	-		
NC	7	50.00-100.00	79.29
C	1/		
SC	7	50.00-85.00	72.86
NE	4	75.00-105.00	86.25
EC	5	70.00-85.00	76.00
SE	9	50.00-100.00	65.56
STATE	34	50.00-105.00	74.71

^{1/} Insufficient number of reports.

LAND TILLAGE

Custom rates for tillage operations vary depending on the area of the State, type of soil tillage practice, size of fields, and the size of equipment. Average charges for disking (including one-way disking), were \$11.31 per acre, up \$2.25 from 2009. The average offset disking charge of \$10.98 per acre was up \$1.46 from the 2009 rate.

Custom Rates for Disking, 2013, by District

District	Disking (including One-Way Disking)			Offset Disk		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Avg.		Range	Avg.
NW	3	8.00-15.00	11.67	4	7.00-12.00	10.25
WC	8	7.00-18.00	10.94	4	8.00-22.00	13.00
SW	4	9.00-14.00	11.75	3	8.00-9.50	8.83
NC	3	10.00-15.00	12.33	1/		
C	5	8.00-13.00	11.00	4	10.00-16.00	12.50
SC	10	7.00-15.00	11.15	10	7.50-14.00	10.09
NE	8	10.00-18.00	13.56	1/		
EC	9	8.00-15.00	9.97	1/		
SE	4	7.50-15.00	9.88	4	9.00-18.00	11.63
STATE	54	7.00-18.00	11.31	33	7.00-22.00	10.98

^{1/} Insufficient number of reports.

Rates for custom chiseling, 4-12 inches deep, averaged \$12.71 per acre, an increase of \$2.65 per acre from the 2009 rate. Deep chiseling, over 12 inches deep, averaged \$15.88 per acre, an increase of \$2.18 from 2009.

Custom Rates for Chiseling, 2013, by District

District	Chisel (4-12")			Deep Chisel (Over 12")		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	1/			1/		
WC	1/			1/		
SW	3	10.00-14.00	11.33	-		
NC	1/			-		
C	3	12.00-16.00	14.00	1/		
SC	7	9.50-15.00	11.50	4	12.00-13.50	12.38
NE	3	10.00-17.50	13.83	3	12.50-30.00	21.50
EC	3	10.00-20.00	15.33	6	9.00-20.00	14.50
SE	1/			1/		
STATE	24	9.00-20.00	12.71	17	9.00-35.00	15.88

^{1/} Insufficient number of reports.

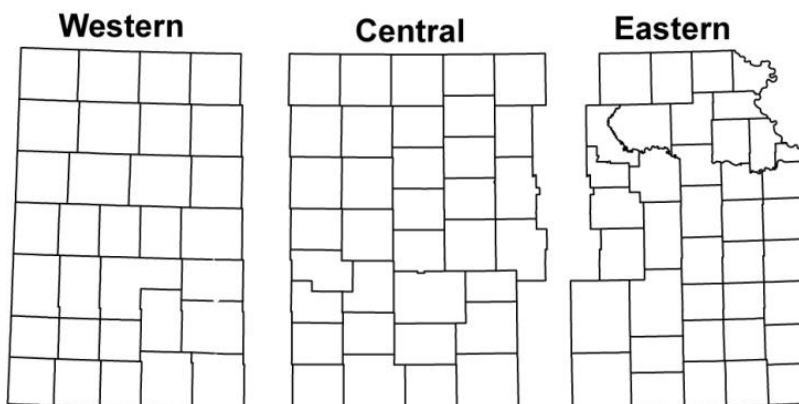
LAND TILLAGE (Continued)

In 2013, charges for spiketooth harrowing averaged \$8.82, an increase of \$1.52 per acre from 2009. The average for springtooth harrowing in 2013 was \$8.25 per acre, down 15 cents from 2009.

Custom Rates for Harrowing, 2013, by Region

Region	Spiketooth Harrow			Springtooth Harrow		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
Western	5	7.00-12.00	9.40	4	7.00-10.00	8.25
Central	5	4.50-12.00	8.36	-		
Eastern	^{1/}			-		
STATE	12	4.50-12.00	8.82	4	7.00-10.00	8.25

^{1/} Insufficient number of reports.



The average moldboard plowing rate increased 13 cents per acre from 2009 to \$14.13 in 2013. Wheel springtooth cultivating charges averaged \$8.25 per acre, up 82 cents from 2009

Custom Rates for Plowing and Wheel Springtooth Cultivating, 2013, by Region

Region	Moldboard Plow			Wheel Springtooth Cultivator		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
Western	^{1/}			4	7.00-10.00	8.00
Central	^{1/}			^{1/}		
Eastern	3	12.00-15.00	13.67	^{1/}		
STATE	4	12.00-15.50	14.13	6	7.00-10.00	8.25

^{1/} Insufficient number of reports.

LAND TILLAGE (Continued)

The average rate charged by custom operators for shank cultivation was \$10.40 per acre in 2013, up \$1.56 from 2009. Undercutting operations averaged \$9.34 per acre, up \$1.92 from 2009.

Custom Rates for Shank Cultivation and Undercutting, 2013, by District

District	Shank Cultivator			Undercutter (Large "V" Blade)		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	^{1/}			7	7.00-11.00	9.07
WC	^{1/}			22	5.00-15.00	8.42
SW	4	4.00-14.00	8.75	8	8.00-12.00	9.37
NC	3	10.00-15.00	12.33	^{1/}		
C	5	5.50-13.00	8.80	3	8.00-12.00	10.67
SC	9	5.00-14.00	9.89	5	7.00-14.00	9.50
NE	9	9.00-16.00	12.11	^{1/}		
EC	5	8.00-15.00	10.50	-		
SE	^{1/}			-		
STATE	41	4.00-16.00	10.40	48	5.00-18.00	9.34

^{1/} Insufficient number of reports.

Custom Rates for Land Tillage, Historical Averages

Type of Operation	2001	2002	2003	2004	2005	2006	2007	2008	2009	2013
	Dollars per Acre									
Disking	6.48	6.34	6.42	6.84	7.54	7.79	7.93	9.02	9.06	11.31
One-Way Disk	6.21	6.11	6.50	7.22	6.66	8.00	8.06	9.00	^{1/}	^{1/}
Offset Disk	6.54	6.72	7.02	7.01	7.76	8.53	8.37	9.56	9.52	10.98
Spiketooth Harrow	4.80	4.82	5.33	5.25	5.31	5.88	6.68	6.71	7.30	8.82
Springtooth Harrow	5.20	4.03	4.17	4.88	5.75	5.58	5.83	6.42	8.40	8.25
Chisel (4-12")	7.79	7.61	8.02	7.96	8.45	9.10	9.75	11.19	10.06	12.71
Deep Chisel (Over 12")	9.54	10.33	8.94	10.05	10.85	11.88	11.46	15.81	13.70	15.88
Moldboard Plow	8.98	9.45	9.98	11.63	11.36	11.04	10.64	15.41	14.00	14.13
Undercutter	5.38	5.38	5.47	5.58	6.07	6.43	6.66	7.73	7.42	9.34
Shank Cultivator	5.92	6.16	6.18	6.27	7.13	7.37	7.25	8.95	8.84	10.40
Wheel Springtooth Cultivator	5.36	5.67	5.27	6.00	5.75	7.02	7.56	6.93	7.43	8.25

^{1/} Insufficient number of reports, Disking and One-Way Disking combined beginning in 2009.

PLANTING

Regular-Till

Small grain seeding charges averaged \$13.58 per acre, up \$2.44 from 2009. Charges for planting grain sorghum increased \$2.16 per acre to \$14.77 in 2013. The average price charged for planting corn was \$14.71 per acre, up \$2.19 from 2009. Soybean planting charges averaged \$14.53 per acre in 2013, an increase of \$1.95 from 2009. The grass seeding rate increased \$1.33 per acre to \$15.35 per acre in 2013. The price for seeding alfalfa-legumes also increased, averaging \$15.04 per acre, compared to \$12.68 in 2009.

Custom Rates for Regular-Till Planting, 2013, by District

District	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
	Small Grains			Grain Sorghum		
NW	9	8.00-15.00	11.89	3	8.00-15.00	12.67
WC	22	6.00-20.00	12.61	12	12.00-20.00	15.17
SW	13	9.00-20.00	14.04	11	8.00-18.00	13.86
NC	15	10.00-21.00	14.87	6	10.00-20.00	15.08
C	16	8.50-20.00	14.13	12	12.50-20.00	14.91
SC	24	7.00-25.00	13.69	11	5.00-25.00	15.27
NE	7	9.50-18.50	14.36	5	12.00-19.00	16.00
EC	7	10.00-18.00	13.67	4	12.00-20.00	14.25
SE	6	10.00-18.00	12.58	5	10.50-18.00	14.50
STATE	119	6.00-25.00	13.58	69	5.00-25.00	14.77
	Corn			Soybeans		
NW	5	14.00-17.00	15.00	1/		
WC	10	14.00-20.00	15.40	4	12.00-15.00	13.75
SW	8	12.50-16.00	14.19	1/		
NC	1/			6	10.00-20.00	15.08
C	8	11.50-20.00	15.31	8	12.00-20.00	15.19
SC	17	5.00-20.00	14.21	13	5.00-20.00	14.31
NE	14	9.00-20.00	15.07	12	9.00-20.00	15.13
EC	7	10.00-20.00	14.43	7	10.00-20.00	14.43
SE	7	8.50-18.00	14.07	6	8.50-18.00	13.50
STATE	77	5.00-20.00	14.71	59	5.00-20.00	14.53
	Grass Seeding			Alfalfa-legume Seeding		
NW	-			3	15.47-18.00	16.49
WC	1/			1/		
SW	4	14.50-17.00	16.00	5	9.00-14.00	12.00
NC	1/			1/		
C	1/			4	14.00-22.00	17.63
SC	1/			3	15.00-16.00	15.33
NE	-			1/		
EC	1/			4	12.00-20.00	15.75
SE	1/			1/		
STATE	13	6.00-20.00	15.35	26	6.00-25.00	15.04

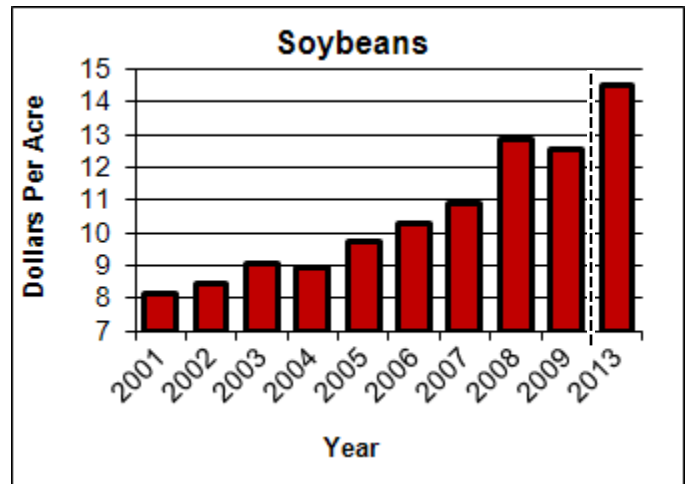
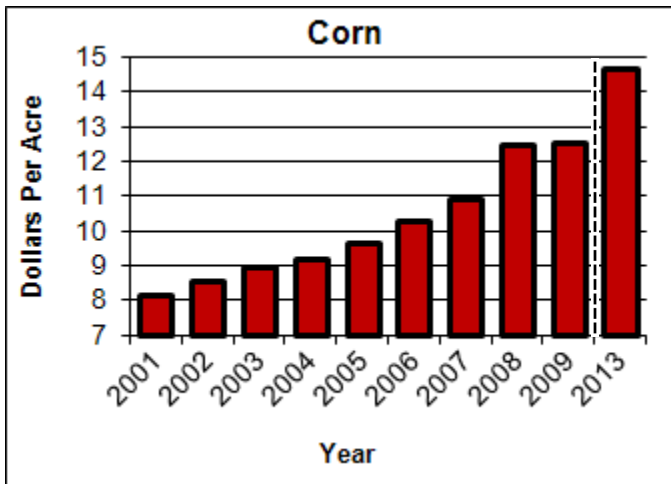
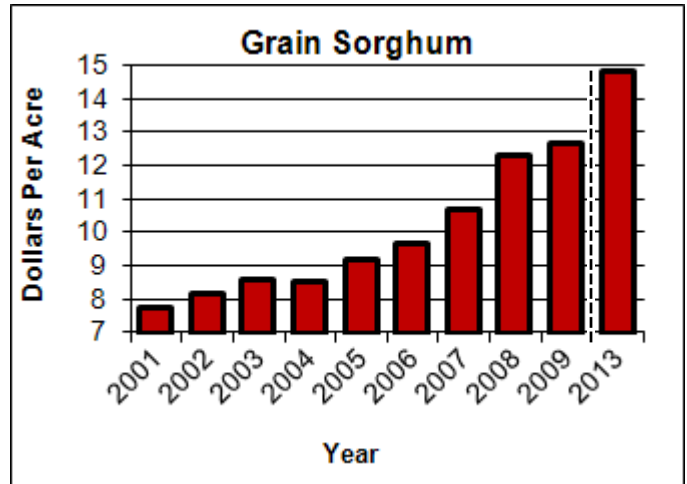
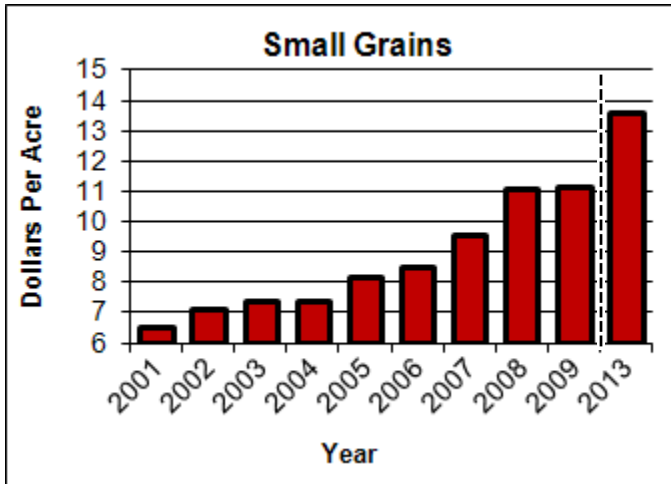
^{1/} Insufficient number of reports.

PLANTING (Continued)

Custom Rates for Regular-Till Planting, Historical Averages

Crop	2001	2002	2003	2004	2005	2006	2007	2008	2009	2013
	Dollars per Acre									
Small Grains	6.49	7.13	7.38	7.35	8.17	8.52	9.54	11.09	11.14	13.58
Grain Sorghum	7.72	8.13	8.55	8.48	9.17	9.65	10.65	12.30	12.61	14.77
Corn	8.19	8.54	8.95	9.21	9.69	10.30	10.91	12.51	12.52	14.71
Soybeans	8.17	8.47	9.06	8.95	9.76	10.33	10.94	12.87	12.58	14.53
Grass	8.92	9.77	10.61	10.83	11.45	11.44	12.60	14.65	14.02	15.35
Alfalfa-Legume	8.59	9.83	10.29	9.63	10.52	10.79	11.35	13.75	12.68	15.04

Regular-Till Planting, Historical Averages



PLANTING (Continued)

Minimum-Till or No-Till

Rates for minimum-till planting of small grains averaged \$15.52 per acre, up from \$13.31 in 2009. Minimum-till grain sorghum planting averaged \$15.40 per acre, up \$1.77 from 2009. Corn planting averaged \$15.83 per acre, an increase of \$2.13. Soybean planting averaged \$15.74 per acre, up from 2009's average of \$13.68 per acre.

Custom Rates for Minimum-Till or No-Till Planting, 2013, by District

District	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
	Small Grains			Grain Sorghum		
NW	12	10.00-18.00	14.71	9	9.00-20.00	15.28
WC	16	11.00-20.00	15.50	24	12.00-20.00	15.25
SW	16	8.00-22.00	13.78	11	8.00-22.00	14.73
NC	20	10.00-25.00	16.03	19	8.00-25.00	15.11
C	26	12.50-23.00	16.21	28	11.00-28.00	16.04
SC	28	12.00-23.00	15.88	21	8.50-25.00	16.19
NE	14	12.00-18.50	15.61	7	12.00-19.00	15.36
EC	9	9.00-20.00	14.50	8	9.00-20.00	13.19
SE	13	11.50-25.00	16.12	5	11.50-19.00	15.70
STATE	154	8.00-25.00	15.52	132	8.00-28.00	15.40
	Corn			Soybeans		
NW	12	7.00-20.00	14.63	5	7.00-20.00	14.00
WC	20	12.00-20.00	15.25	5	14.00-20.00	16.20
SW	5	14.00-20.00	16.60	4	13.00-22.00	15.75
NC	17	12.50-25.00	16.00	23	8.00-25.00	15.98
C	21	11.00-32.00	16.60	21	12.50-28.00	16.38
SC	21	12.00-27.00	17.12	19	12.00-28.00	17.00
NE	21	11.50-19.00	14.95	24	12.00-19.00	15.17
EC	14	12.00-21.00	15.47	18	9.00-20.00	14.40
SE	7	13.00-19.00	15.86	13	11.50-24.00	15.88
STATE	138	7.00-32.00	15.83	132	7.00-28.00	15.74

Custom Rates for Minimum-Till or No-Till Plantings, Historical Averages

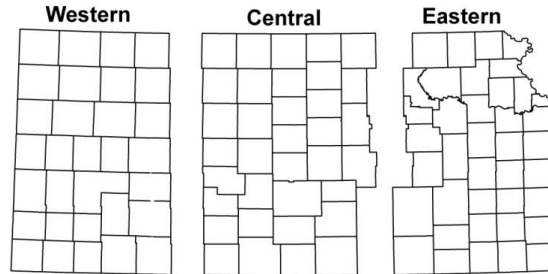
Crop	2001	2002	2003	2004	2005	2006	2007	2008	2009	2013
	Dollars per Acre									
Small Grains	9.89	10.11	10.36	10.72	11.45	11.77	12.10	13.73	13.31	15.52
Grain Sorghum	9.56	9.91	10.19	10.29	10.94	11.26	12.04	13.49	13.63	15.40
Corn	10.00	10.04	10.31	10.55	11.11	11.57	12.09	13.57	13.70	15.83
Soybeans	10.50	10.46	10.90	10.84	11.75	12.00	12.34	14.07	13.68	15.74

CHEMICAL APPLICATIONS

The custom rates for chemical applications presented here include the cost of machine, power, and the operator; however, the cost of the chemicals is excluded. Rates charged for row crop cultivation with fertilizer application averaged \$10.84 per acre, while cultivation without fertilizer application averaged \$9.39 per acre. This compares with \$8.00 and \$7.24 per acre, respectively, in 2009.

Custom Rates for Row Crop Cultivation, 2013, by Region

Region	With Fertilizer			Without Fertilizer		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
Western	1/			5	2.00-15.00	9.44
Central	6	4.25-21.00	11.42	8	4.75-18.00	9.13
Eastern	4	5.00-18.50	10.19	3	5.00-16.00	10.00
STATE	11	4.25-21.00	10.84	16	2.00-18.00	9.39



Dry fertilizer applications averaged \$5.31 per acre, 63 cents more per acre than in 2009. Liquid fertilizer was applied for an average per acre charge of \$5.71, up 89 cents from 2009.

Custom Rates for Fertilizer Application, 2013, by District

District	Dry Fertilizer			Liquid Fertilizer		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	8	4.00-6.00	5.09	10	4.50-18.00	7.61
WC	7	4.75-7.50	5.54	16	2.00-7.50	5.25
SW	17	4.50-5.75	5.04	25	4.00-20.00	6.67
NC	26	4.00-6.50	5.25	31	4.25-7.00	5.36
C	38	3.75-6.50	4.90	40	3.75-7.00	4.98
SC	35	4.00-5.75	5.04	45	2.50-20.00	5.49
NE	33	4.00-14.00	6.07	30	4.00-8.00	5.89
EC	26	4.25-12.50	5.83	24	4.25-16.00	6.55
SE	24	4.00-7.50	5.03	22	4.25-7.00	5.19
STATE	214	3.75-14.00	5.31	243	2.00-20.00	5.71

CHEMICAL APPLICATIONS (Continued)

Custom chemical applicators charged an average of \$12.60 per acre to apply anhydrous ammonia, \$2.05 more than the 2009 average.

Custom Rates for Application of Anhydrous Ammonia, 2013, by District

District	Number of Reports	Dollars per Acre	
		Range	Average
NW	5	4.50-22.00	12.20
WC	7	4.75-18.00	9.21
SW	6	4.50-20.00	10.50
NC	11	8.50-20.00	14.70
C	7	9.00-20.00	13.81
SC	15	4.50-20.00	10.57
NE	29	6.00-18.50	14.02
EC	8	10.30-18.00	13.30
SE	5	4.50-15.00	10.65
STATE	93	4.50-22.00	12.60

The average cost for aerial application of herbicide was \$7.60 per acre, up 67 cents from 2009. When herbicides were applied with a ground rig, the average cost was \$5.44, up 46 cents from 2009's average of \$4.98.

Custom Rates for Herbicide Application, 2013, by District

District	Aerial			Ground Rig		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	4	7.00-8.50	7.75	14	4.50-7.00	5.22
WC	3	6.50-9.50	7.67	22	4.25-7.50	5.22
SW	6	6.00-8.75	7.17	26	2.00-5.75	4.79
NC	8	5.50-8.50	7.37	37	4.25-7.00	5.40
C	5	4.20-6.00	5.14	47	5.00-7.00	5.01
SC	6	4.70-8.00	6.78	49	4.00-15.00	5.25
NE	9	6.00-10.00	8.33	41	4.75-8.00	6.16
EC	4	5.50-10.50	8.71	28	5.00-10.00	6.25
SE	6	7.50-12.00	9.25	30	4.50-12.00	5.51
STATE	51	4.20-12.00	7.60	294	5.00-15.00	5.44

CHEMICAL APPLICATIONS (Continued)

The average cost for aerial application of insecticide was \$7.73 per acre, up \$1.13 from 2009. When insecticides were applied with a ground rig, the average cost was \$5.45 per acre, up 50 cents from the 2009 rate.

Custom Rates for Insecticide Application, 2013, by District

District	Aerial			Ground Rig		
	Number of Reports	Dollars per Acre		Number of Reports	Dollars per Acre	
		Range	Average		Range	Average
NW	5	6.50-8.50	7.40	7	4.50-5.75	4.99
WC	3	6.50-9.50	7.67	14	4.50-7.50	5.52
SW	5	6.00-8.75	6.91	17	4.50-5.75	5.01
NC	6	5.50-8.50	7.50	26	4.25-7.00	5.40
C	4	4.50-6.00	5.38	36	4.20-9.00	5.19
SC	6	6.00-8.00	7.33	38	4.00-6.25	5.04
NE	6	6.25-10.00	8.75	32	4.75-8.00	6.27
EC	3	8.50-13.00	10.33	21	5.00-10.00	6.09
SE	6	4.50-12.00	8.58	23	4.50-6.25	5.31
STATE	44	4.50-13.00	7.73	214	4.00-10.00	5.45

Custom Rates for Chemical Application, Historical Averages

Type of Operation or Application	2001	2002	2003	2004	2005	2006	2007	2008	2009	2013
	Dollars per Acre									
Cultivation with Fertilizer	6.77	6.19	6.64	6.73	7.59	7.60	6.33	8.41	8.00	10.84
Cultivation without Fertilizer	6.25	6.01	5.95	6.08	7.05	7.09	6.32	8.46	7.24	9.39
Dry Fertilizer	3.53	3.58	3.68	3.78	4.01	4.15	4.20	4.96	4.68	5.31
Liquid Fertilizer	3.57	3.72	3.78	3.87	4.17	4.42	4.37	4.98	4.82	5.71
Anhydrous Ammonia	5.61	5.90	6.18	6.93	7.12	6.75	8.46	10.20	10.55	12.60
Herbicide										
Aerial	4.39	4.52	4.30	4.29	4.56	4.83	5.19	6.20	6.93	7.60
Ground Rig	3.72	3.81	3.85	4.03	4.26	4.40	4.50	5.01	4.98	5.44
Insecticide										
Aerial	4.42	4.49	4.83	4.30	4.74	5.20	5.48	6.20	6.60	7.73
Ground Rig	3.77	3.90	3.92	4.02	4.33	4.51	4.49	5.07	4.95	5.45

FEED PREPARATION

Rates for custom feed preparations are those generally charged by grain elevators and feed mills. Rates charged in 2013 were similar to those reported in 2009. Reports averaged 37 cents per hundredweight (cwt.) for grinding grain, 38 cents per cwt. for rolling grain, 69 cents per cwt. for grinding hay, 33 cents per cwt. for mixing, 72 cents per cwt. for rolling and mixing, and 69 cents per cwt. for grinding and mixing. Eight operations reported hay grinding by the hour, ranging from \$90 to \$420, and averaging \$220 per hour.

Custom Rates for Feed Preparation, 2013, by District

District	Grinding Grain			Rolling Grain			Grinding Hay		
	Number of Reports	Dollars per Cwt.		Number of Reports	Dollars per Cwt.		Number of Reports	Dollars per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	-			-			^{1/}		
WC	^{1/}			-			-		
SW	-			^{1/}			^{1/}		
NC	4	0.20-0.50	0.31	7	0.29-1.00	0.48	-		
C	5	0.25-0.80	0.39	8	0.25-0.50	0.36	^{1/}		
SC	7	0.15-0.50	0.31	10	0.11-0.50	0.33	4	0.50-0.58	0.55
NE	3	0.45-0.65	0.57	-			^{1/}		
EC	^{1/}			4	0.25-0.50	0.35	-		
SE	3	0.40-0.50	0.45	4	0.25-0.50	0.35	-		
STATE	25	0.15-0.80	0.37	35	0.11-1.00	0.38	9	0.35-1.50	0.69

^{1/} Insufficient number of reports.

District	Mixing			Rolling and Mixing			Grinding and Mixing		
	Number of Reports	Dollars per Cwt.		Number of Reports	Dollars per Cwt.		Number of Reports	Dollars per Cwt.	
		Range	Avg.		Range	Avg.		Range	Avg.
NW	-			-			-		
WC	-			-			-		
SW	^{1/}			^{1/}			-		
NC	4	0.10-0.50	0.29	6	0.29-1.50	0.81	^{1/}		
C	9	0.15-0.40	0.30	7	0.45-0.90	0.69	5	0.45-1.25	0.76
SC	8	0.20-0.45	0.29	5	0.45-0.75	0.51	5	0.45-0.75	0.51
NE	4	0.25-0.50	0.39	^{1/}			^{1/}		
EC	3	0.20-0.80	0.40	4	0.45-1.30	0.69	^{1/}		
SE	5	0.15-0.50	0.35	^{1/}			^{1/}		
STATE	34	0.10-0.80	0.33	25	0.29-1.50	0.72	17	0.25-01.50	0.69

^{1/} Insufficient number of reports.

FEED PREPARATION (Continued)

Charges for pelleting feed operations averaged \$1.17 per cwt., 27 cents more than in 2009. Sacking operations, excluding the cost of sacks, averaged \$1.49 per cwt., up 19 cents from 2009's average.

Custom Rates for Feed Pelleting and Sacking, 2013, by District

District	Pelleting Only			Sacking		
	Number of Reports	Dollars per Cwt.		Number of Reports	Dollars per Cwt.	
		Range	Avg.		Range	Avg.
NW	-			-		
WC	-			-		
SW	-			1/		
NC	1/			4	1.50-2.50	2.12
C	1/			1/		
SC	1/			4	0.75-2.20	1.41
NE	-			1/		
EC	-			4	0.40-2.20	1.43
SE	1/			4	0.01-1.75	1.07
STATE	6	0.75-1.50	1.17	19	0.01-2.50	1.49

^{1/} Insufficient number of reports.

Custom Rates for Feed Preparation, Historical Averages

Type of Preparation	2001	2002	2003	2004	2005	2006	2007	2008	2009	2013
	Dollars per Cwt.									
Grinding Grain	0.34	0.36	0.35	0.36	0.39	0.38	0.44	0.40	0.41	0.37
Rolling Grain	0.31	0.33	0.33	0.34	0.36	0.37	0.39	0.36	0.37	0.38
Grinding Hay	0.66	0.74	0.62	0.25	0.32	0.55	0.57	0.69	0.61	0.69
Mixing Feed	0.23	0.26	0.26	0.26	0.28	0.28	0.33	0.34	0.32	0.33
Rolling and Mixing	0.49	0.51	0.52	0.56	0.58	0.58	0.57	0.64	0.61	0.72
Grinding and Mixing	0.53	0.53	0.57	0.57	0.62	0.61	0.58	0.68	0.67	0.69
Pelleting Feed	0.70	0.76	0.84	0.79	0.89	0.86	0.83	1.03	0.90	1.17
Grinding, Mixing, and Pelleting	1.18	1.19	1.14	1.16	1.20	1.02	1.34	1.52	1.51	1/
Sacking Feed (excluding sack costs)	0.91	0.95	1.16	1.12	1.15	1.13	1.27	1.44	1.30	1.49

^{1/} Insufficient number of reports.

FEED DELIVERY

There are a number of different methods of charging for bulk feed deliveries. Rates for the most commonly reported methods are presented below. Though several types of charges were reported, some could not be summarized for this report due to an insufficient number of reports. Many operators also charged extra for miles beyond a specified limit. For all methods, the average extra charge was \$2.10 per mile per load after 19 miles.

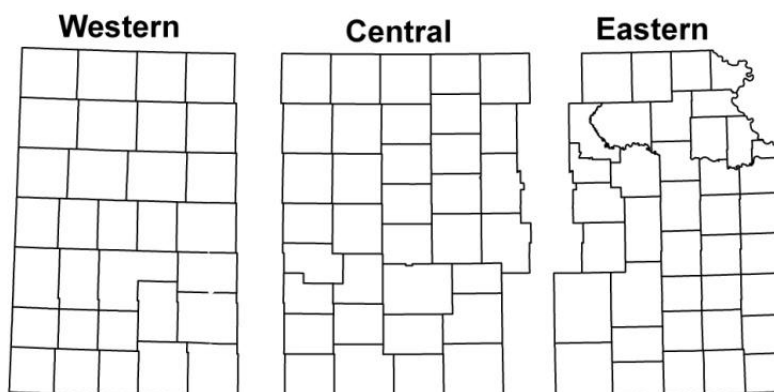
Custom Rates for Feed Delivery, 2013, by Region

Region	Charge per Load plus Mileage			Charge per Mile		
	Number of Reports	Dollars Per Load + Dollars Per Mile	Avg. Load (Tons)	Number of Reports	Dollars Per Mile	Avg. Load (Tons)
Western	1/			4	2.94	9.8
Central	1/			1/		
Eastern	1/			5	2.24	11.4
STATE	1/			11	2.54	10.4

^{1/} Insufficient number of reports.

Region	Charge per Load			Extra Charge All Methods		
	Number of Reports	Dollars Per Load	Avg. Load (Tons)	Number of Reports	Max Miles	Extra Dollars per Mile
Western	1/			1/		
Central	8	28.88	6.9	7	12	2.38
Eastern	11	33.98	6.6	5	32	1.55
STATE	21	32.85	6.6	14	19	2.10

^{1/} Insufficient number of reports.



MACHINERY RENTAL

Rental costs listed below do not include the cost of fuel or labor for self-propelled equipment and tractors. Fertilizer applicators were the most commonly reported rental items, followed by tractors, combines, and planting equipment. Many items, such as combine heads, cultivators, disks, and mower/conditioners, were reported but had too few reports to summarize.

Rental charges are similar to those reported in recent years. Average rental costs for most items show increases or decreases due to the varied demand and increasing costs of implements. Some of the variation may be due to the small number of reports for some rental items.

Machine Rental Rates, 2013

Machine or Tool	Method of Charge	Number of Reports	Range	Average
Combine	\$/Hour	4	27.00-200.00	144.25
No-Till Drill	\$/Acre	^{1/}		
Big Round Baler	\$/Bale	3	7.00-15.00	9.67
Fertilizer Applicators				
Dry	\$/Ton	38	6.00-50.00	12.32
Dry	\$/Acre	20	1.50-3.50	1.88
Anhydrous	\$/Ton	^{1/}		
Anhydrous	\$/Acre	6	2.85-5.00	4.43
Liquid	\$/Acre	4	2.50-4.00	3.25
Chemical Sprayer	\$/Hour	^{1/}		
Tractor				
51-100 Horsepower	\$/Hour	^{1/}		
101-150 Horsepower	\$/Hour	3	18.00-38.00	25.67
151-200 Horsepower	\$/Hour	3	20.00-45.00	35.00
201+ Horsepower	\$/Hour	9	25.00-200.00	76.78

^{1/} Insufficient number of reports.



TERRACING AND DOZING

Building terraces averaged \$1.35 per foot, an increase of 36 cents per foot from 2009. The average cost for general dozer work was \$127.54 per hour, compared with \$106.40 from 2009.

Custom Rates for Terracing and Dozing, 2013, by District

District	Terracing			Dozing		
	Number of Reports	Dollars per Foot		Number of Reports	Dollars per Hour	
		Range	Average		Range	Average
NW	^{1/}			^{1/}		
WC	-			-		
SW	^{1/}			^{1/}		
NC	3	0.60-1.75	1.07	8	85.00-200.00	145.63
C	-			^{1/}		
SC	^{1/}			3	75.00-200.00	125.30
NE	4	0.75-2.95	1.66	8	110.00-200.00	146.25
EC	-			4	45.00-150.00	95.00
SE	-			6	65.00-180.00	129.67
STATE	10	0.60-2.95	1.35	33	45.00-200.00	127.54

^{1/} Insufficient number of reports.

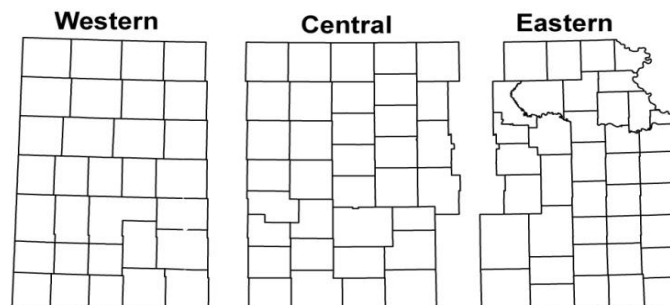
MANURE REMOVAL AND SPREADING

Custom rates for manure removal alone averaged \$1.81 per ton for 2013. Manure removal and spreading averaged \$2.70 per ton, with an additional mileage charge of \$2.74 per mile hauled.

Custom Rates for Manure Removal, 2013, by Region

Region	Manure Removal			Removal and Spreading			Additional Charges per Mile		
	Number of Reports	Dollars per Ton		Number of Reports	Dollars per Ton		Number of Reports	Dollars per Mile	
		Range	Avg.		Range	Avg.		Range	Avg.
Western	5	0.35-3.00	1.77	6	2.35-4.50	3.18	6	0.20-6.50	3.02
Central	^{1/}			7	1.50-3.00	2.29	5	0.25-5.00	2.40
Eastern	-			-			-		
STATE	6	0.35-3.00	1.81	13	1.50-4.50	2.70	11	0.20-6.50	2.74

^{1/} Insufficient number of reports.



FENCE BUILDING

Rates for fence building listed below were reported on the Bluestem Pasture Survey completed in May of 2013. Producers in the 14 Flint Hills counties were surveyed and asked to provide current fence building costs. The reported rates varied considerably due to the difference in materials, equipment, and terrain. The rate charged for building a five-wire, all-steel post fence, excluding materials, averaged \$17.70 per rod. The rate including materials averaged \$25.40 per rod. Average hourly rates charged for fence building are \$63.10 per hour with equipment, and \$26.30 without equipment.

Custom Rates for Fence Building, per Rod, 2013

Fence Type	Steel Posts Only			Steel & Wood Posts Only		
	Number of Reports	Dollars per Rod		Number of Reports	Dollars per Rod	
		Range	Average		Range	Average
	<u>Excluding Materials</u>			<u>Excluding Materials</u>		
3 or 4 Wire	5	7.50-16.50	10.50	4	12.00-25.00	17.10
Five Wire	23	6.00-37.95	17.70	12	6.75-21.56	14.60
	<u>Including Materials</u>			<u>Including Materials</u>		
3 or 4 Wire	4	12.38-28.88	19.50	5	10.00-29.04	19.40
Five Wire	32	7.00-43.75	25.40	19	11.00-66.00	30.50

Custom Rates for Fence Building, per Hour, 2013

Custom Fence Builders	Number of Reports	Dollars per Hour		Average Number of Persons
		Range	Average	
With Equipment	8	25.00-125.00	63.10	1.6
Without Equipment	4	15.00-50.00	26.30	1.7

Custom Rates for Fence Building – Additional Charges, 2013

Additional Fencing Charges For:	Number of Reports	Dollars	
		Range	Average
Rough or Rocky Terrain Per Hour	7	5.00-65.00	36.43
Gates	18	10.00-200.00	89.30
Corners	19	25.00-300.00	106.80